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MEDICAL

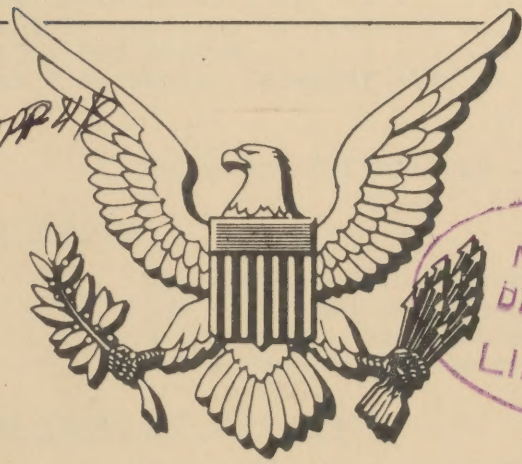
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UNITED STATES ARMY
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S.W.P.A.

Progress Report - Section 5

"HEALTH"

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Notes and Definitions

Abbreviations:

WIA - Wounded in action
IIA - Injured in action
N-B Injury - Non-battle injury
FUO - Fevers of undetermined origin

Annual Rates per Thousand:

Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates:

This term applies to deaths from all causes among the entire army in the theater, as distinct from death rates specific for cause, age, risk, and so on.

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HEALTH OF U. S. ARMY TROOPS IN SWPA

February 1945

1. NON-EFFECTIVENESS

The corrected rate for January 1945 shows a decrease over December 1944 contrary to prediction based on estimated January rates. The estimated rate for February shows an increase over January.

2. ADMISSION TO SICK REPORT

The corrected admission rate to sick report for January 1945 increased over December 1944 as predicted. The only significant change was an increase in the admission rate for battle injuries. Incomplete returns for February 1945 indicate that the admissions for the SWPA will be somewhat higher.

3. DEATHS

There were no significant changes in the crude death rate. The rate for those killed in action increased slightly.

4. EVACUATIONS

There was a marked decrease in the evacuation rate in January 1945 compared with December 1944. The decrease is partly explained by a total of 1839 patients awaiting evacuation at the end of December compared to 4000 awaiting evacuation at the end of November. There were 1383 patients evacuated by air. Incomplete reports for the month of February indicate that 939 patients were evacuated to the United States by air and 5640 by water. During February the following inter-island evacuations occurred: 183 patients from Luzon to Leyte by water and 7010 by air; 3464 patients from Leyte to New Guinea by water and 3640 by air; 716 patients evacuated from Luzon directly to New Guinea by water.

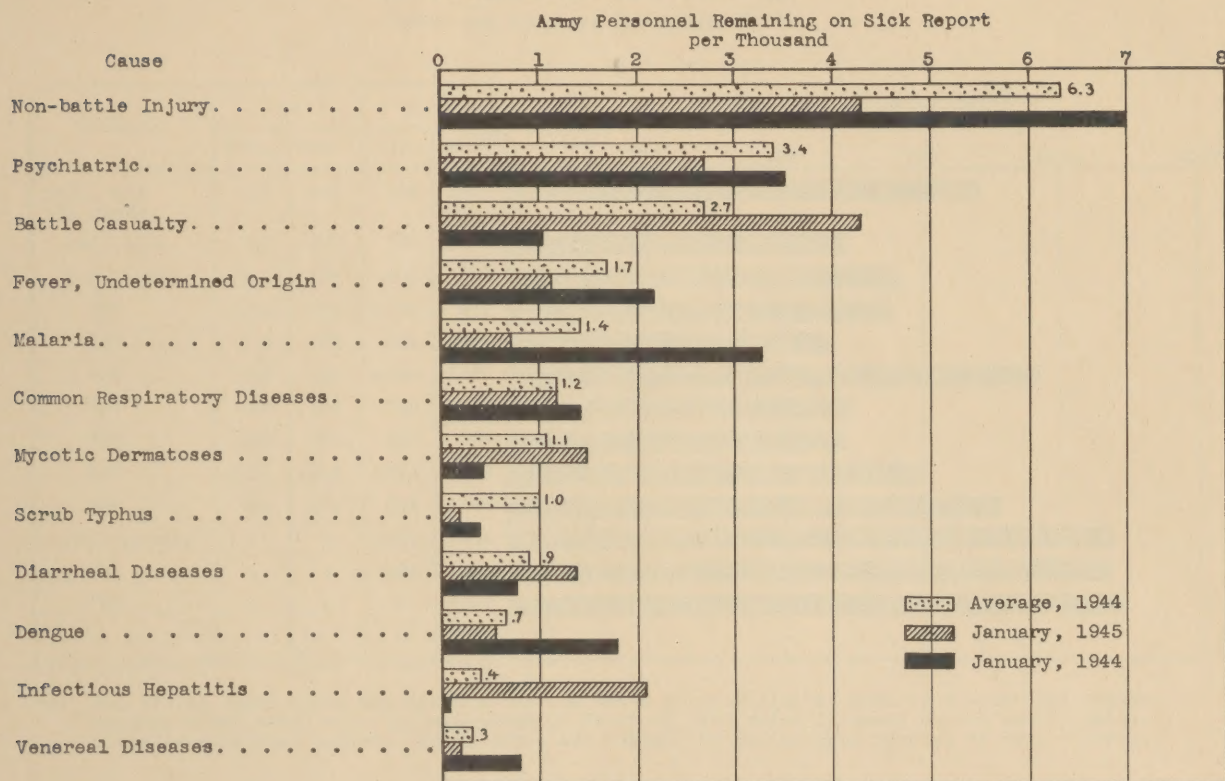
5. HOSPITAL BEDS

There was a decrease in fixed beds operating during February in the theater due to the large number of beds under orders to move to Luzon. The percentage of available T/O beds occupied in the bases was 90.8 against 75.7 for the month of January. There were 8000 beds under orders into Luzon as of 24 February 1945.

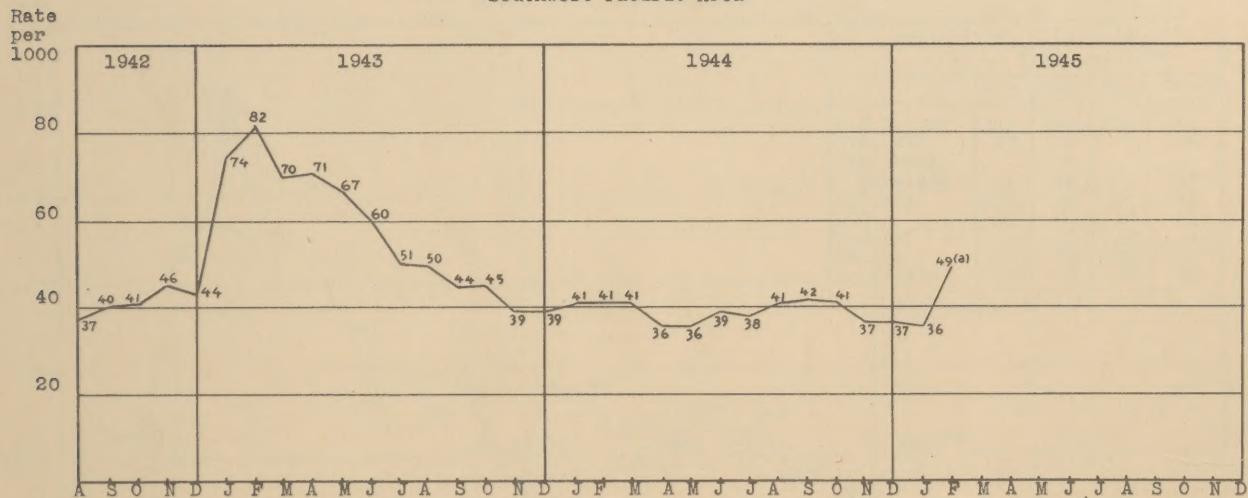
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LEADING CAUSES OF NONEFFECTIVENESS - JANUARY, 1945
(Based on Reported Conditions)



MEAN DAILY NONEFFECTIVE RATE PER THOUSAND
Southwest Pacific Area



(a) Estimated, in that this rate is based on Abbreviated (Radiographic) Weekly Statistical Reports.

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ADMISSIONS TO SICK REPORT ALL CAUSES

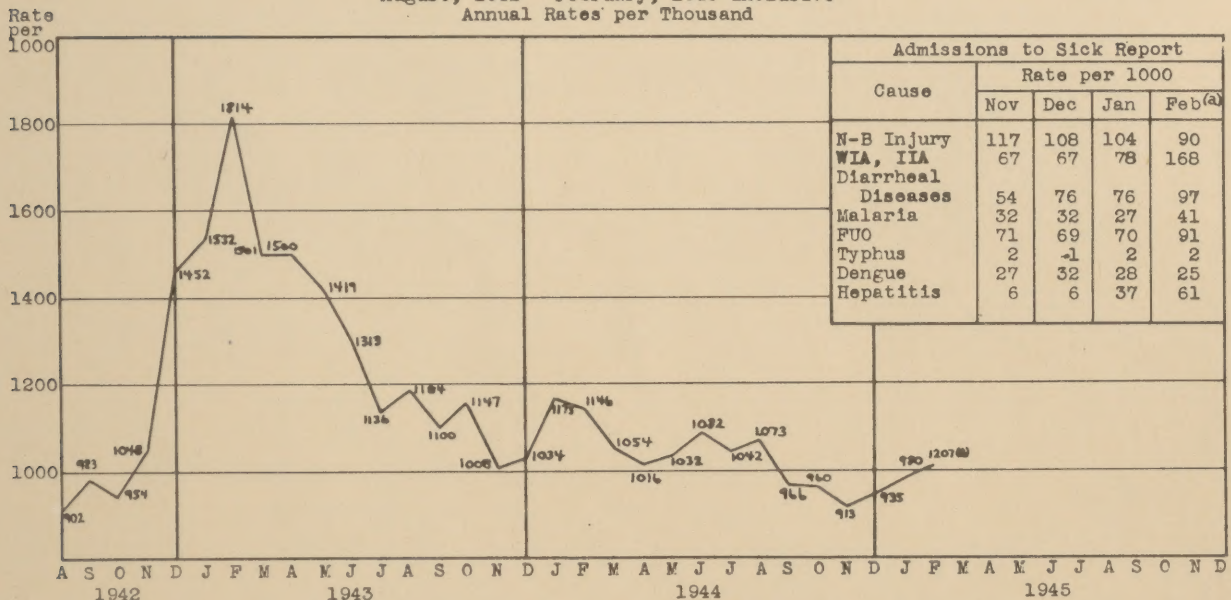
Rates per Thousand per Annum (a)

Command	1944		1945		Comparative Admission Rates February 1945, Annual Rates per 1000				
	Nov.	Dec.	Jan.	Feb. ^(a)	300	600	900	1200	1500
SWPA, All SOS Bases	913	935	980	1026					
Australia	715	695	732	732					
New Guinea	912	953	988	852					
"A"	1000	856	1189	837					
"B"	773	785	841	693					
"D"	755	834	1149	1157					
"E"	747	845	760	750					
"F"	837	771	820	739					
"G"	1151	1412	1219	910					
"H"	737	806	874	1073					
Philippines	-	-	1581	1319					
"K"	-	-	1581	1316					
"J"	-	-	-	1335					

(a) All of the rates above are computed on the basis of consolidated monthly statistical health reports (WDMD 86ab) with the exception of February 1945 which is based on the weekly abbreviated statistical report. Above rates are subject to change upon receipt of late reports.

ADMISSIONS TO SICK REPORT, SWPA

August, 1942 - February, 1945 inclusive
Annual Rates per Thousand



(a) Based on abbreviated radiographic statistical report, with corrected strengths.
Above rates are subject to change upon receipt of late reports.

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DEATHS BY CAUSES, SWPA

Total, 1943; Total, 1944; and January 1945

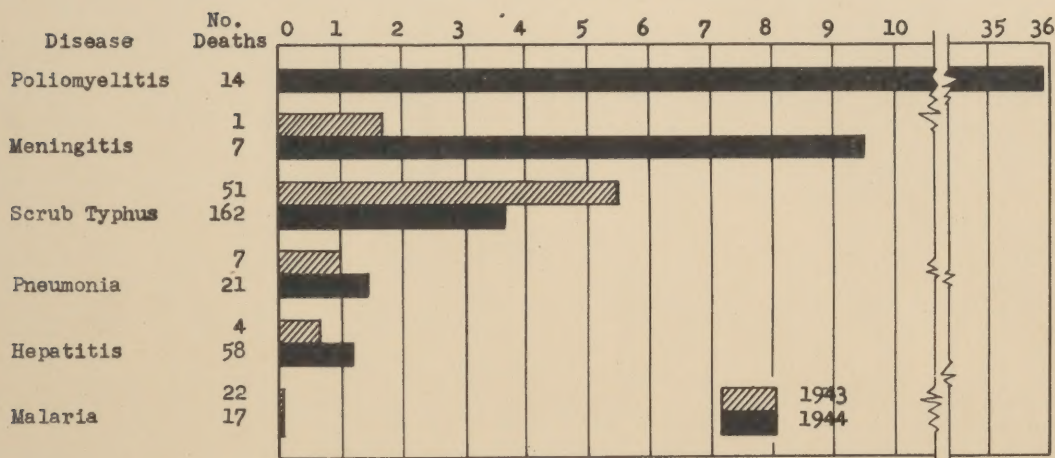
Absolute Numbers and Crude Annual Rates per Thousand*

Cause	1943		1944		January 1945	
	Number	Rate	Number	Rate	Number	Rate
Non-battle injury, all	576	3.010	1501	2.721	122	2.026
Accidents, all	535	2.796	1368	2.480	116	1.926
Railway	12	0.063	4	0.007		
Motor Vehicle	64	0.334	199	0.361	9	0.149
Street car	1	0.005	2	0.004		
Water Transportation	4	0.021	15	0.027	1	0.017
Air Transportation	291	1.521	345	0.625	32	0.531
Poisoning	6	0.031	14	0.025	1	0.017
Burns	14	0.073	58	0.105	7	0.116
Drowning	46	0.240	271	0.491	15	0.249
Firearms	58	0.303	208	0.377	24	0.399
Falls and Crushing	15	0.078	33	0.060	6	0.100
Electric Currents	4	0.021	14	0.025	2	0.033
Other & Unknown Causes	20	0.104	205	0.372	19	0.316
Suicides, all	32	0.162	107	0.375	2	0.033
Homicides, all	10	0.052	26	0.047	4	0.066
Diseases, all	154	0.805	512	0.928	58	0.963
Died of Battle Wounds	102	0.533	1232	2.233	249	4.135
Killed in Action	1010	5.278	5636	10.217	1214	20.160
Total Deaths, all causes	1842	9.625	8849	16.042	1643	27.285

* Based on WDMD 86ab, "Statistical Report"; subject to correction on receipt of late information.

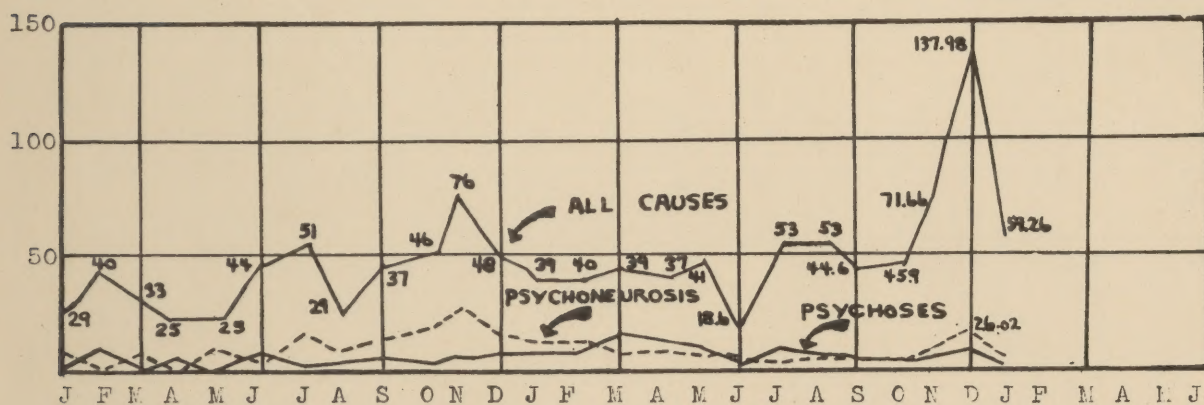
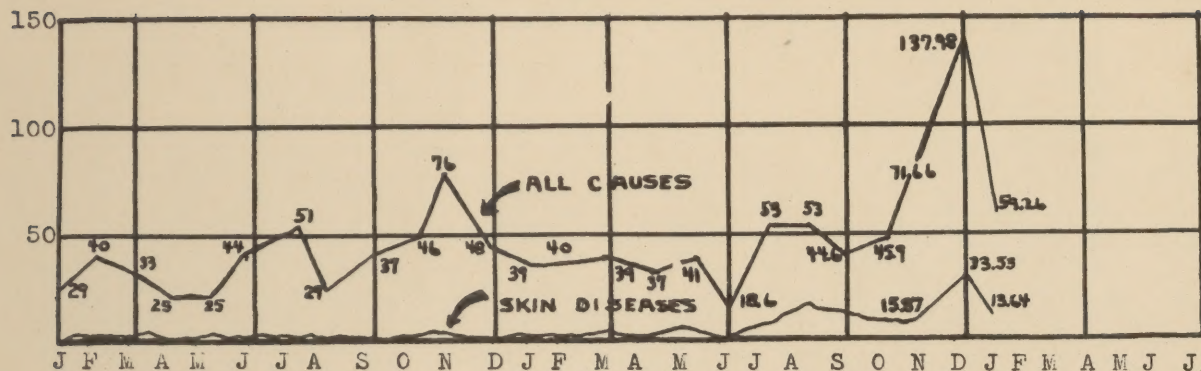
DEATHS PER HUNDRED CASES OF SELECTED COMMUNICABLE DISEASES

SWPA, 1943 and 1944



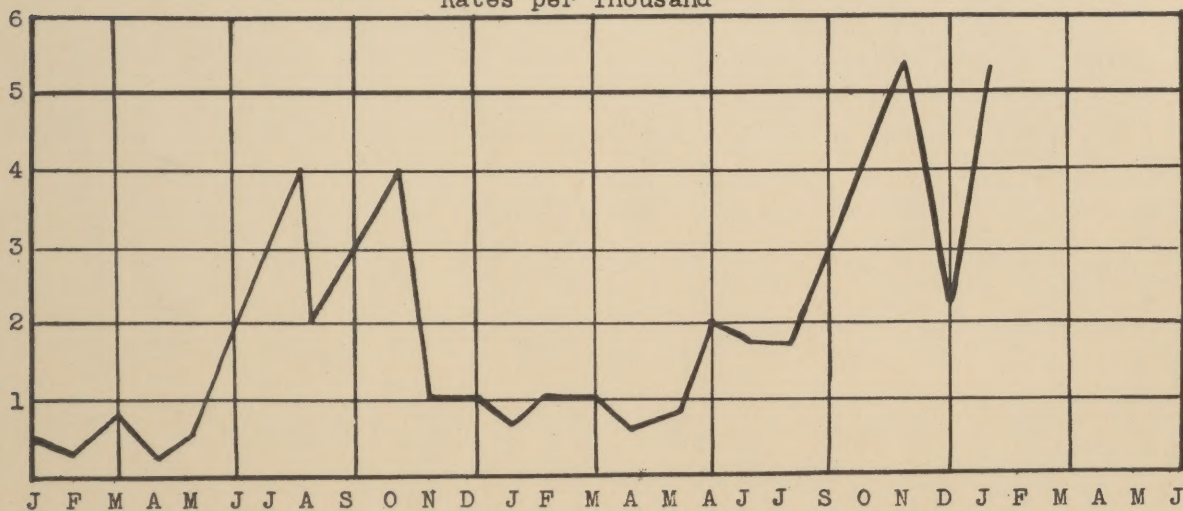
MEDICAL EVACUATIONS, SWPA TO UNITED STATES

January, 1943 - Jan., 1945, Inclusive
Rates per Thousand per Annum



MEDICAL EVACUATIONS, (BOARDED) AWAITING EVACUATION TO UNITED STATES

January, 1943 - Jan., 1945, Inclusive
Rates per Thousand



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MEDICAL EVACUATIONS BY CAUSE - SWPA TO UNITED STATES

Absolute Numbers and Rates per Thousand per Annum*

MEAN STRENGTH**	191366			410508			654002			746811			766532			782832		
	Year 1943			1st Six Mo. 1944			3rd Quarter 1944			4th Quarter 1944			December			January		
	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%
ARTHRITIS	493	2.58	5.94	365	1.78	5.15	400	2.45	4.90	586	3.14	3.66	270	4.23	3.06	144	2.20	3.72
ASTHMA	480	2.51	5.79	358	1.74	5.05	330	2.02	4.04	316	1.69	1.98	127	1.99	1.44	76	1.17	1.97
NEOPLASM	31	0.16	0.37	49	-	0.69	46	0.28	0.56	67	0.36	0.42	31	0.49	0.35	11	0.17	0.28
CARDIO-VASCULAR	215	1.12	2.59	177	0.86	2.49	107	0.65	1.31	164	0.88	1.03	67	1.05	0.76	52	0.80	1.34
OTHER	59	0.31	0.71	39	0.19	0.55	42	0.26	0.51	77	0.41	0.48	26	0.41	0.29	18	0.28	0.47
HYPERTENSION																		
DEFECT OR DEFORMITY (NON-MENTAL)	401	2.10	4.83	437	2.13	6.16	212	1.30	2.60	252	1.35	1.58	109	1.71	1.24	69	1.06	1.78
DERMATITIS	236	1.23	2.85	557	2.71	7.85	1675	10.24	20.52	3652	19.56	22.83	2142	33.53	24.30	890	13.54	23.02
DIABETES	38	0.20	0.46	14	0.07	0.20	17	0.10	0.21	16	0.09	0.10	6	0.09	0.07	3	0.05	0.08
PEPTIC ULCER	286	1.49	3.45	120	0.58	1.69	179	1.09	2.19	240	1.29	1.50	130	2.04	1.47	27	0.41	0.70
FILARIASIS	38	0.20	0.46	33	0.16	0.47	4	0.02	0.05	5	0.03	0.03	3	0.05	0.03	3	0.05	0.08
MALARIA AND SEQUELAE	108	0.56	1.30	15	0.07	0.21	16	0.10	0.19	21	0.11	0.13	8	0.13	0.09	-	-	-
TYPHUS AND SEQUELAE	17	0.09	0.20	25	0.12	0.35	88	0.54	1.08	198	1.06	1.24	123	1.93	1.40	23	0.35	0.60
TUBERCULOSIS	97	0.51	1.17	95	0.46	1.34	94	0.57	1.15	145	0.78	0.91	64	1.00	0.73	26	0.40	0.67
NEUROSYPHILIS	44	0.23	0.53	25	0.12	0.35	17	0.10	0.20	32	0.17	0.20	16	0.26	0.18	10	0.15	0.26
OTHER	9	0.05	0.11	3	0.01	0.04	2	0.01	0.02	4	0.02	0.03	2	0.03	0.02	1	0.02	0.03
VENEREAL																		
BATTLE CASUALTY AND SEQUELAE	551	2.88	6.64	344	1.68	4.85	907	5.55	11.11	1601	8.58	10.01	1055	16.52	11.97	745	11.42	19.27
NON-BATTLE																		
INJURY AND SEQUELAE	751	3.92	9.05	696	3.39	9.81	835	5.11	10.23	1603	8.59	10.02	834	13.06	9.46	382	5.86	9.88
PSYCHOSES, ALL	862	4.50	10.39	1366	6.66	19.26	1097	6.71	13.44	1953	10.46	12.21	1105	17.30	12.54	370	5.67	9.57
CONSTITUTIONAL																		
PSYCHOPATHIC STATES	70	0.37	0.84	3	0.01	0.04	1	0.01	0.01	7	0.04	0.01	-	-	-	2	0.03	0.05
MENTAL																		
DEFICIENCY	48	0.25	0.58	1	0.004	0.01	5	0.03	0.06	1	0.01	0.04	-	-	-	3	0.05	0.08
PSYCHO-NEUROSES, ALL	2303	12.03	27.77	1370	6.68	19.31	862	5.27	10.56	2846	15.24	17.80	1662	26.02	18.86	542	8.31	14.02
EPILEPSY	101	0.53	1.22	99	0.48	1.40	103	0.63	1.26	127	0.68	0.79	57	0.89	0.65	15	0.23	0.39
ORGANIC																		
NEUROLOGICAL	122	0.64	1.47	137	0.67	1.93	211	1.29	2.58	421	2.25	2.63	235	3.68	2.67	87	1.33	2.25
OTHER																		
CONDITIONS	934	4.88	11.26	766	3.73	10.80	967	5.91	11.85	1659	8.89	10.37	742	11.52	8.42	367	5.63	9.49
ALL																		
TOTAL	8294	43.34	100.00	7094	34.58	100.00	8159	47.89	100.00	15933	85.66	100.00	8814	137.98	100.00	3866	59.26	100.00

* Subject to changes upon receipt of late reports.

** Strength based on abbreviated statistical report.

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STATUS OF HOSPITAL BEDS, SWPA (a)

a. Hospital Beds in Theater.

Command	*Fixed	*Non-Fixed	Total
Services of Supply	39050 (a)	4925 (a)	43975
Sixth Army	3300 (b)	2975 (a)	6275
Eighth Army	5250 (b)	1975 (a)	7225
Replacement Command	250 (b)		250
Far East Air Force	50 (b)	150 (b)	200
Total, SWPA	47900	10025	57925

(a) Assigned.

(b) Attached.

b. Fixed Hospital Beds by Areas.

Area	Staging	Under Orders Out of Base	Con-structing	T/O Operating	Beds Occupied	% of Operating T/O Beds Occupied	Under Orders Into Base
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USASOS Bases.

2				100	129	129.0	
3	150	400		1000	620	62.0	
A		1650		1500	609	40.6	
B		1000		1500	708	47.2	
E		2000		1250	332	26.6	
F		2000		5250	2361	45.0	
G				6000	7045	117.4	150
H				4750	7125	150.0	
K	1200	1500		**7150	7451	104.2	400
LUBSEC			1750	***3550	3907	110.1	8000
SHIPS				200			
Total	1350	8550	1750	32250	30287	93.9	8550

Far East Air Force.

Darwin				50	36	72.0	
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Army Supply Points.

MANUS	250			250	85	34.0	
NOEMFOOR				500	83	16.6	
SANSAPOR				400	118	29.5	
MOROTAI				750	474	63.2	
BOUGANVILLE				400	88	22.0	
MINDORO			750	650	836	128.6	
Total	250		750	2950	1684	57.1	
Total, SWPA	1600	8550	2500	35250	32007	90.8	8550

* As defined in AR 40-1080, C 2, Par. 36, "Hospitalization".

** 500 beds under control of Eighth Army.

*** 2300 beds under control of Sixth Army.

(a) Based on 86ab, Weekly Statistical Reports of 24 Feb. 45 and Status of Hospital Beds in SWPA as of 16 Feb. 45. Subject to correction upon receipt of late information.

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As of: 24 Feb. 45

DENTAL SERVICE ACCOMPLISHED BY THE ARMY DENTAL CORPS IN THE
S.W.P.A. FOR THE MONTH OF DECEMBER 1944.

Absolute numbers and rates per thousand per annum.			766,532
Type of Service	Number	Rate per thousand per annum	Rate per thousand per month
Admissions	78,790	1233.5	102.8
Sittings	137,923	2159.2	179.9
*Permanent Restorations	87,194	1365.0	113.8
Extractions	15,384	240.8	20.1
Teeth Replaced	22,179	347.2	28.9
Dentures Constructed	2,806	43.9	3.7
Dentures Repaired (Including Rebase)	1,341	21.1	1.7
Bridges Constructed	278	4.4	0.4
Prophylaxis	11,598	181.6	15.1

*Includes fillings, crowns, root canals, inly recemented and crown recemented.

The number of Dental Officers reporting the above Dental Service for the month of December was 744, with the ratio of total Dental Officers to the total strength being 1.2 per 1000 men, or one dentist for every 819.8 men.

The admission rate for Stomatitis, Vincent's, during December was 9.6 per 1000 per annum or 0.8 per 1000 for the month, slight increase over preceding month.

For every tooth extracted, 1.4 were replaced by dentures or bridges, indicating that 40% more teeth were replaced than extracted. The average number of teeth replaced by each partial denture constructed was 5.8. During the month 766 defective bridges were repaired or recemented. For each tooth extracted there were 5.7 permanent restorations, (fillings, etc) inserted. The average number of permanent restorations per reporting Dental Officer was 117.2. The average number of teeth extracted per reporting Dental Officer was 20.7. For the Amalgam restorations, 37.8% were Oxyphosphate and Amalgam. Of the Silicate restorations, 4.9 were Oxyphosphate and Silicate.

All the above ratings were computed on the basis of the Mean Strength of December.

As of: 31 December 1944

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